

Applicants provisionally elect, with traverse, Group III, Claims 1-2 and 23-41, drawn to an isolated nucleic acid sequence encoding a CTLA protein wherein the nucleic acid is SEQ ID NOs:5 or 7; vectors, host cells, and expression systems for producing the polypeptide.

Applicants traverse the Restriction Requirement on the grounds that no serious burden would exist to examine the claims of Groups III and IV together.

Applicants submit that the polypeptides encoded by the nucleic acids of Groups III and IV show significant areas of sequence identity, as illustrated in the attached Appendix I. Applicants believe that analysis of SEQ ID NOs: 5, 7, and 9 will provide essentially identical search results, therefore no serious burden would exist to examine the Claims of Groups III and IV together. Examination of these sequences together is respectfully requested.

REMARKS

The Examiner requested that the Applicants provide the references listed in the IDS filed August 13, 2001. All of the cited references are enclosed (A1 to A19). Reference A6 is a duplicate of reference A18.

Applicants will address the issue of inventorship for the elected claims and amend inventorship appropriately if the Restriction Requirement should be made final.

CONCLUSION

Applicants believe that no fees are due with this communication. Should this not be the case, the Commissioner is hereby authorized to debit any charges or refund any overpayments to DNAX Deposit Account No. 04-1239. If the Examiner believes that a telephone conference would aid the prosecution of this case in any way, please call the undersigned.

Respectfully submitted,

Date: March 24, 2003

By: 

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Enclosed:

References A1-A19 (18 references; A6 and A18 are duplicates).

APPENDIX I

Translation of SEQ ID NO:7 (human)	(1)	MTPGKTSLS--LLLLLSLEAIVKAGITIPRNP GCPNSEDKNFPRTVMVN	50
Translation of SEQ ID NO:9 (mouse)	(1)	MSPGRASSVSLMLLLLLSLAATVKAAAIIPQSSACPNTAKDFLQNVKVN	
Consensus	(1)	MSPGK S VS LLLLLSL A VKAA IP ACPNSE K F V VN	
Translation of SEQ ID NO:7 (human)	(49)	LNHN-RNTNPNKRSSDYNNRSTSPWNLHRNEDPERYPSVIWEAKCRHL	100
Translation of SEQ ID NO:9 (mouse)	(51)	LKVFNSLGAKVSSRRPSDYLNRSTSPWTLHRNEDPDYPSVIWEAQRHQ	
Consensus	(51)	L I N KR SDY NRSTSPW LHRNEDPDYPSVIWEA CRH	
Translation of SEQ ID NO:7 (human)	(98)	GCINADGNVDYHMNSVPIQQEILVLRRPPHCPNSFRLEKILVSVGCTCV	150
Translation of SEQ ID NO:9 (mouse)	(101)	RCVNAEGKLDHMHNSVLIQQEILVLKREPESCPFTFRVEKMLVGVGCTCV	
Consensus	(101)	CINADG LDHMHNSV IQQEILVLKREP CP SFRLEKILV VGCTCV	
Translation of SEQ ID NO:7 (human)	(148)	TPIVHHVA	151
Translation of SEQ ID NO:9 (mouse)	(151)	ASIVRQAA	
Consensus	(151)	IV A	

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